



500.43057X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: H. MATSUSHIGE, et al

Serial No.: 10/649,687

Filed: August 28, 2003

For: STORAGE UNIT AND CIRCUIT FOR SHAPING  
COMMUNICATION SIGNAL

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 6, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration. Applicants are also submitting herewith a copy of the English language translation of EP 0 862 272 A2 said reference submitted by the July 28, 2005 Information Disclosure Statement for the Examiner's consideration.

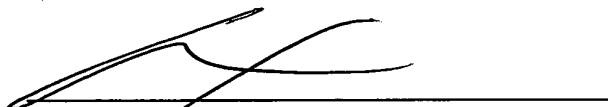
This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language translation of the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (500.43057X00) please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Carl I. Brundidge', is written over a horizontal line.

CIB/jdc  
(703) 684-1120

Carl I. Brundidge  
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MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

**500.43057X00****10/649,687**

APPLICANT

**H. MATSUSHIGE, et al**

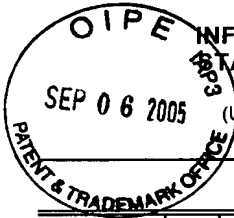
FILING DATE

**August 28, 2003**

GROUP

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2 0 0 2	0 1 9 9 0 5 1	12/02	Fukae et al			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
	0 8 6 2 2 7 2	9/98	European			Eng.Trans.	
2 0 0 2	3 5 9 6 6 1	12/02	Japan				XX

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])